

In re application of : BOX PATENT APPLICATIONS  
Quentin DEBUISSCHERT et al. : Group Art Unit: Unassigned  
Serial No.: Unassigned : Examiner: Unassigned  
Filed: March 29, 2001 :

5A  
8/22/01

For: PROCESS OF DESULPHURIZING GASOLINE COMPRISING  
DESULPHURIZATION OF THE HEAVY AND INTERMEDIATE FRACTIONS  
RESULTING FROM FRACTIONATION INTO AT LEAST THREE CUTS

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR:

Prior to examination of the above-identified application, please amend the application as follows:

**IN THE CLAIMS**

Please amend the claims as follows:

Please cancel claims 1-10 without prejudice or disclaimer.

Please add the following claims:

- 11. A process of producing gasoline with a low sulphur content from a gasoline feedstock containing sulphur, light sulphur compounds, saturated and unsaturated sulphur compounds, diolefins, olefins, aromatics, nitrogen and acetylenic compounds, said process comprising at least the following steps:
- (a1) conducting at least one selective hydrogenation of the diolefins and acetylenic compounds contained in the feedstock,
  - (b) conducting at least one separation of effluent obtained at the end of step a1 into at least three fractions: a light fraction containing light olefins, and from which substantially all of the sulphur has been removed, a heavy fraction in which most of